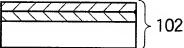
10/054,279 Q68236 RECORDING APPARATUS AND METHOD... Our ref: Q68236 Darryl Mexic (202) 293-7060 1 of 32



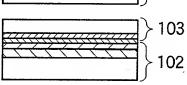
1/32

FIG.1

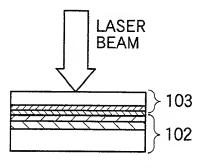
1. IMAGE RECEIVING SHEET WOUND TO DRUM



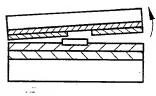
2. TRANSFER SHEET WOUND

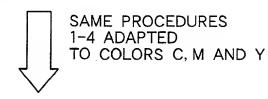


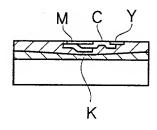
3. LASER RECORDING WITH K-DATA



4. PEEL OFF K-SHEET







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FIG.2

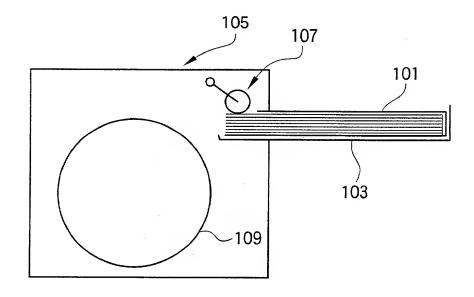
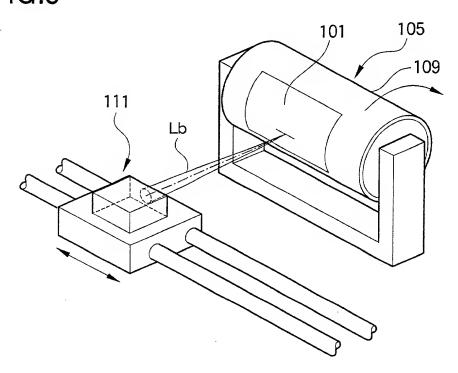


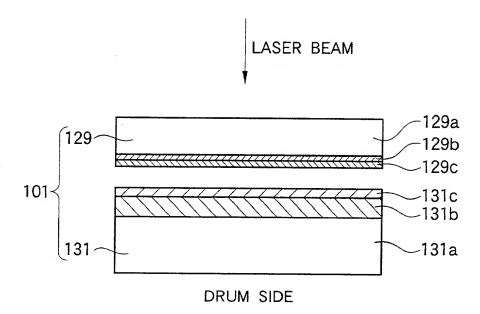
FIG.3



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3/32

FIG.4



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FIG.5

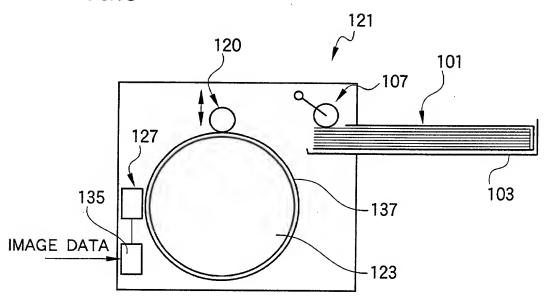
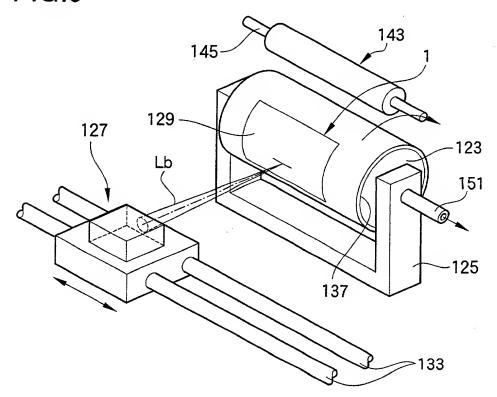


FIG.6



10/054,279 Q68236 RECORDING APPARATUS AND METHOD... Our ref: Q68236 Darryl Mexic (202) 293-7060 5 of 32

FIG.7

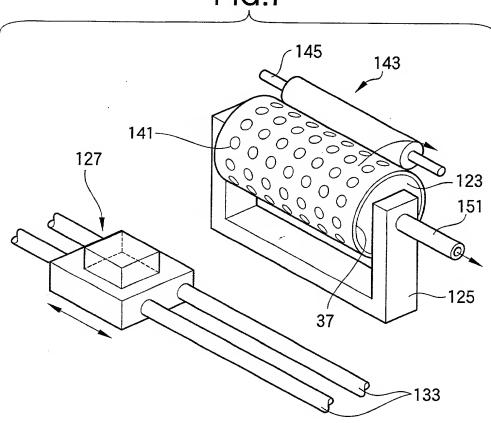
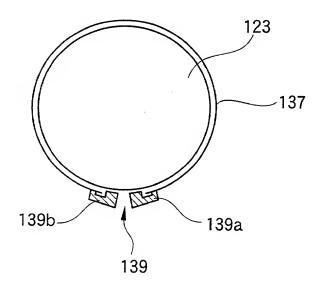
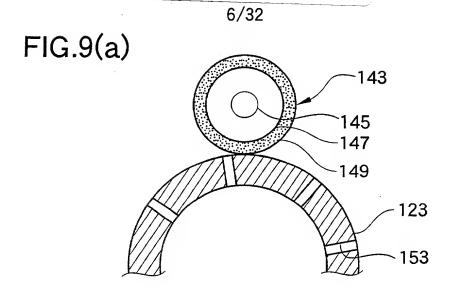
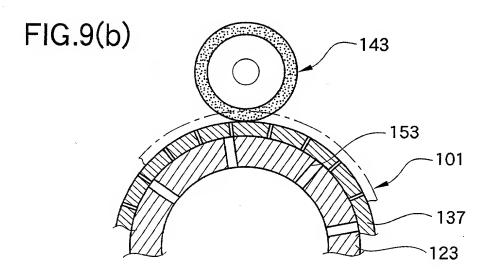


FIG.8







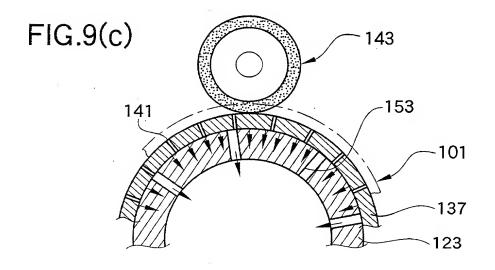


FIG.10

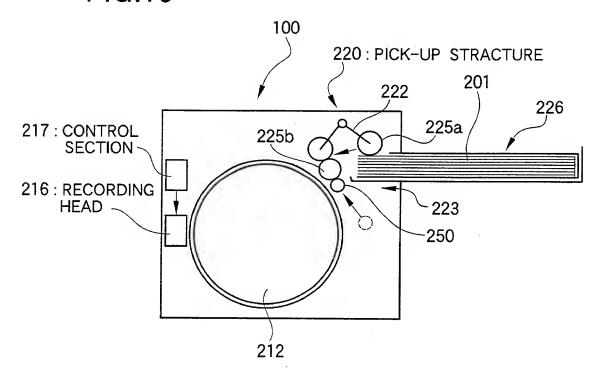
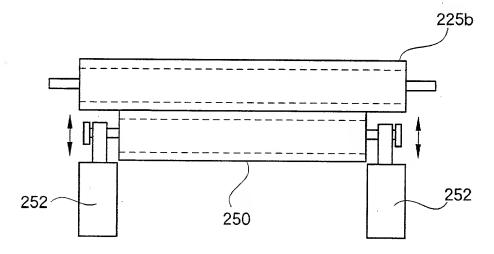


FIG.11



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FIG.12

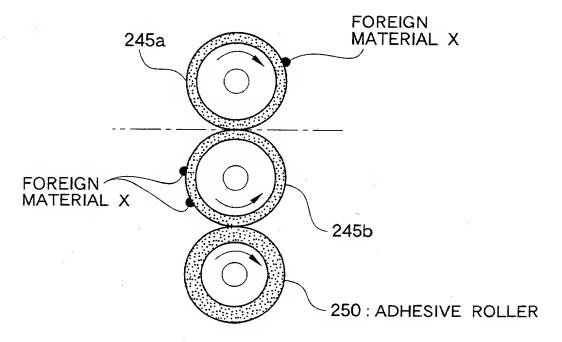


FIG.13

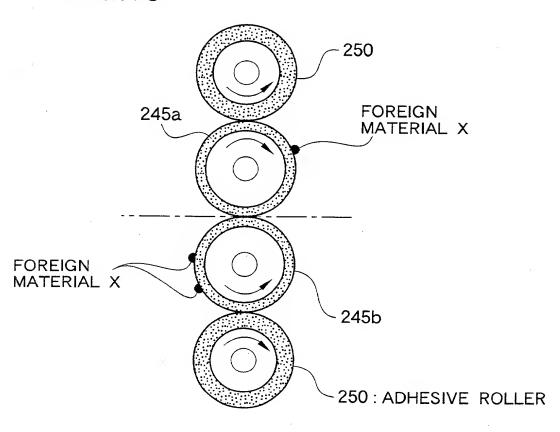
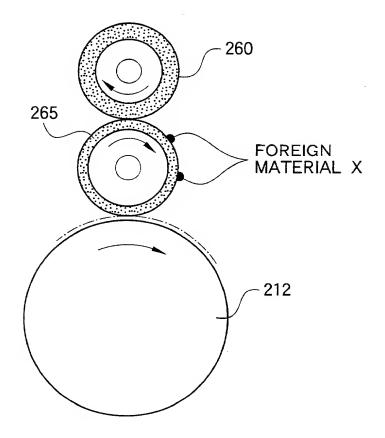
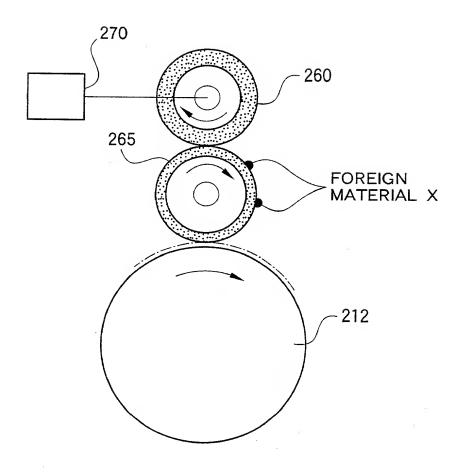


FIG.14



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FIG.15



the state of the s

FIG.16(a)

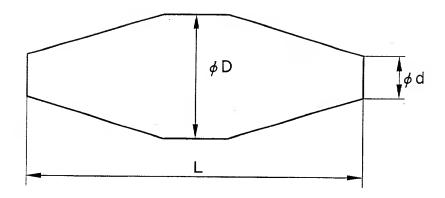


FIG.16(b)

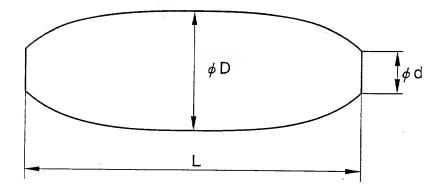


FIG.17

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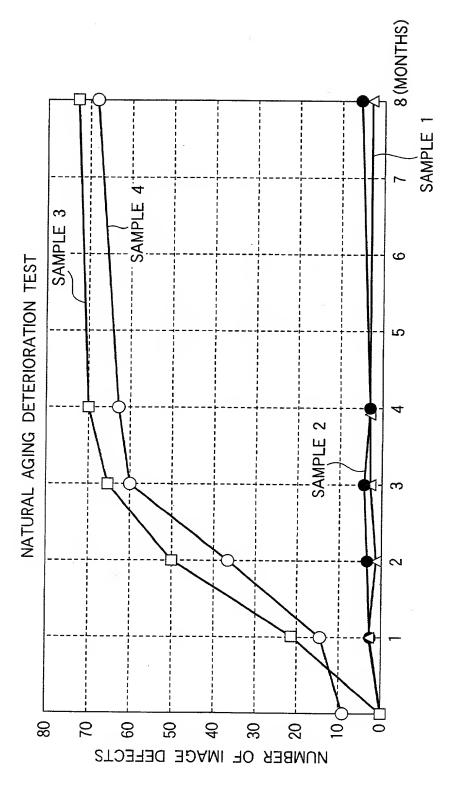


FIG.18

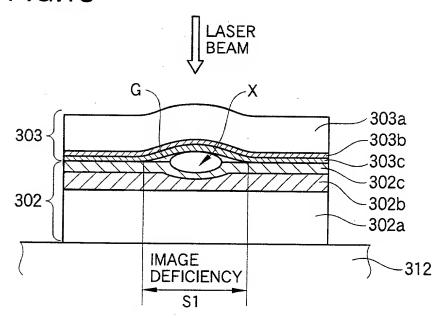


FIG.19

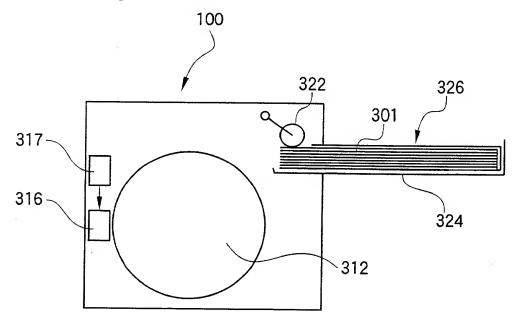
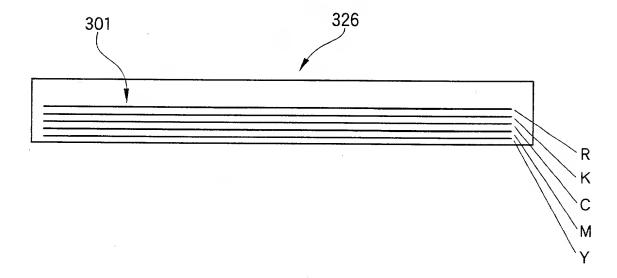
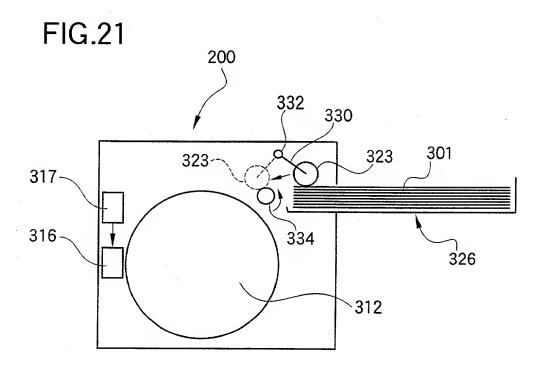


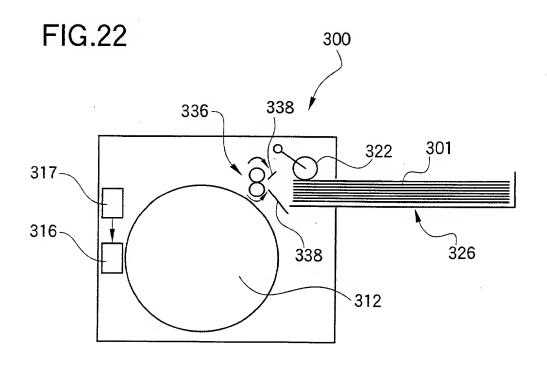
FIG.20

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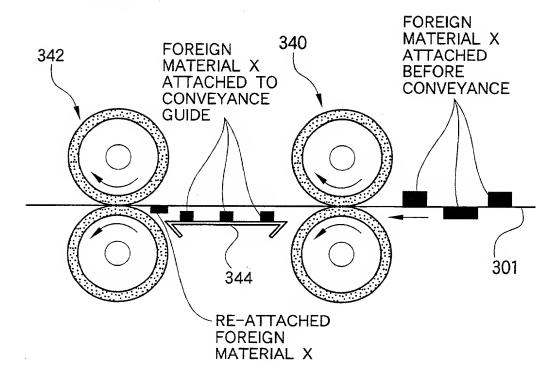




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FIG.23



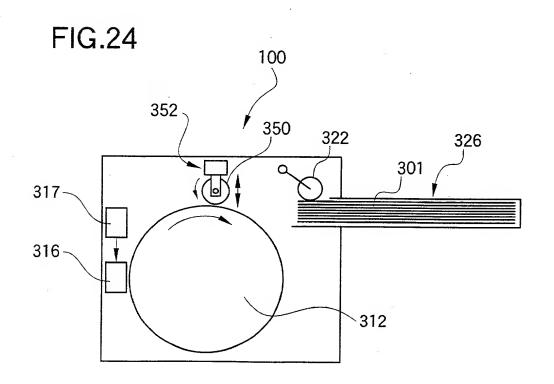


FIG.25

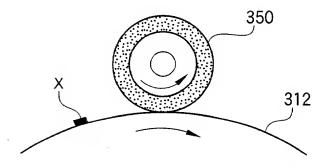
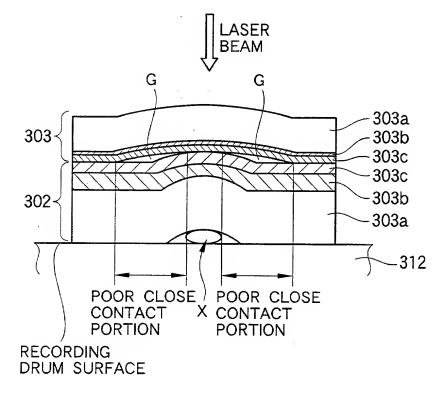


FIG.26



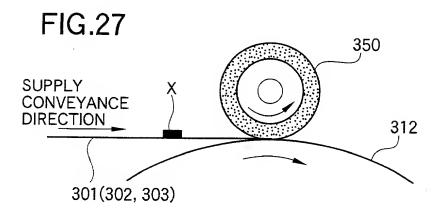


FIG.28

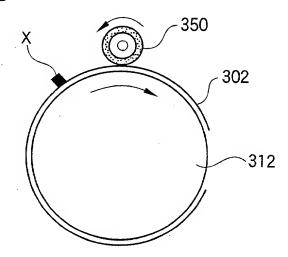
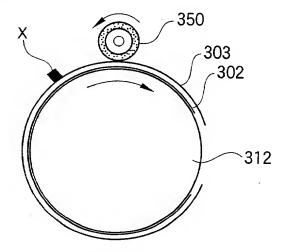


FIG.29



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FIG.30

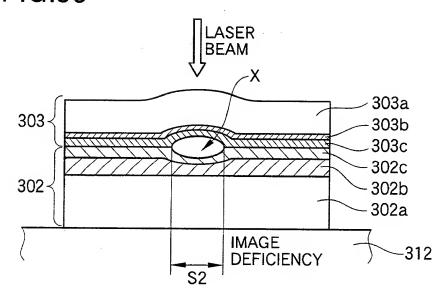
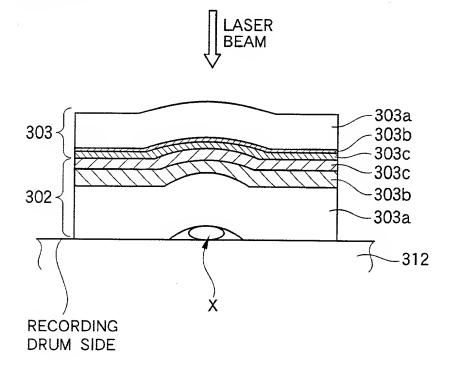
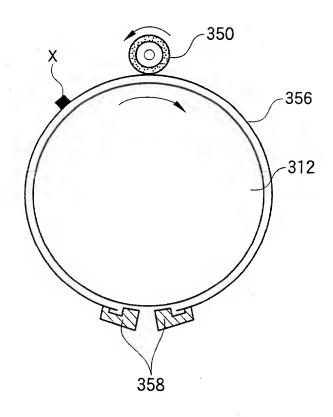


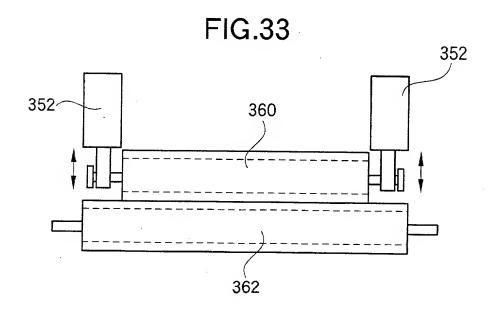
FIG.31



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FIG.32





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	COMPARA- TIVE EXAMPLE 1	EXAMPLE A	EXAMPLE B	EXAMPLE C	EXAMPLE D	EXAMPLE E	EXAMPLE EXAMPLE EXAMPLE COMPARA- B C D E EXAMPLE 2	EXAMPLE EXAMPLE G	EXAMPLE G
CENTRAL PORTION D DIAMETER	40.0	40.0	40.0	40.0	40.0	40.0	40.0	50.0	40.0
END PORTION d DIAMETER	40.0	39.9	39.2	38.0	37.5	36.0	35.0	49.0	39.2
ROLLER LENGTH	. 500	200	200	200	200	200	500	500	1000
D • d	11/0/11	0.1	0.8	2.0	//2.5//	4.0	///2:0///	1.0	0.8
D/d	//1.000//	1.003	1.020	1.053	1.067	1.111	1.143	1.020	1.020
1/(p · d)	0	0.0002	0.0016	0.0040	0.0050	0.0080/	0.0100	0.0020	0.0008
CENTRAL PORTION PRESSURE	NONE	ENOUGH	ENOUGH	ENOUGH	ENOUGH	ENOUGH	ENOUGH	ENOUGH	ENOUGH
END PORTION PRESSURE	ENOUGH	ENOUGH	ENOUGH	ENOUGH	ALMOST	ALMOST	NONE	ENOUGH	ENOUGH
TOTAL PERFORMANCE	X	0	0	0	◁	◁	×	0	0

(UNIT: mm; HATCHING BOX: OUT OF RANGE)

FIG.35(a)

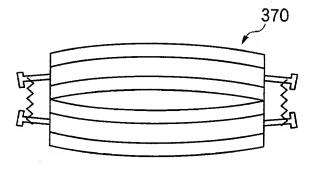


FIG.35(b)

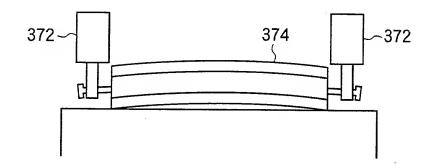


FIG.36

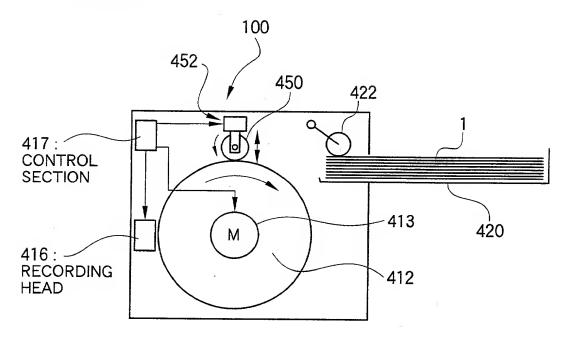
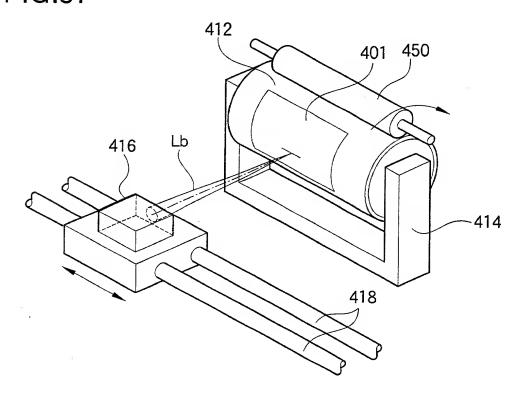


FIG.37



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FIG.38(a)

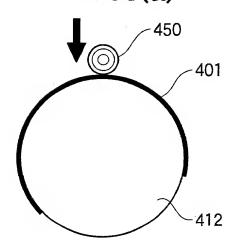


FIG.38(d)

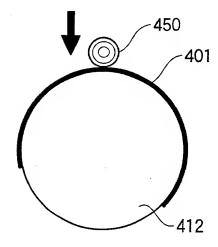


FIG.38(b)

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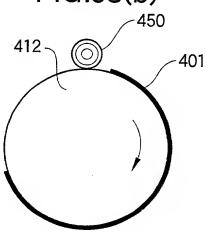


FIG.38(e)

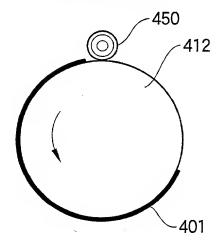


FIG.38(c)

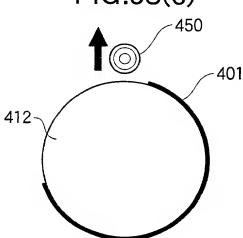
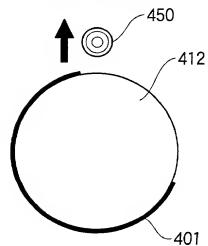
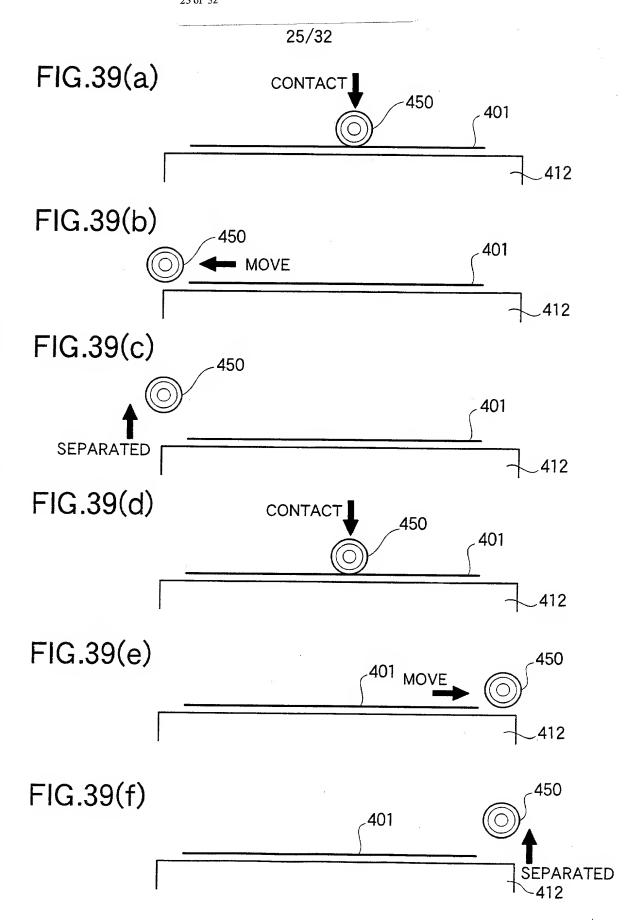


FIG.38(f)



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FIG.40

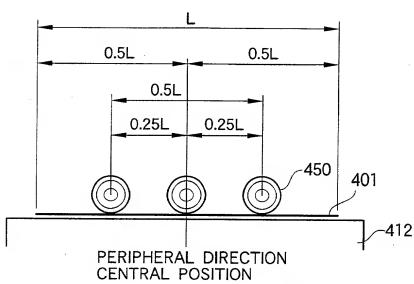
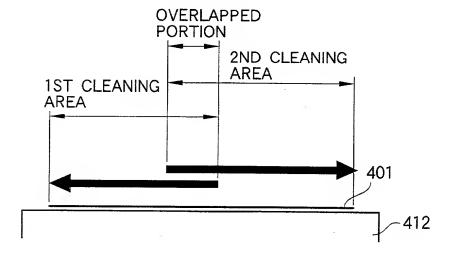
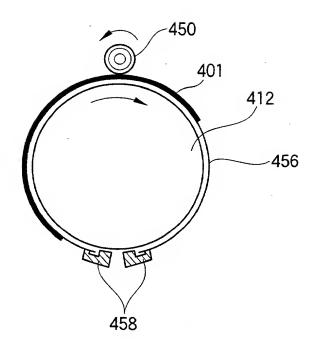


FIG.41



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FIG.42



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FIG.43(a)

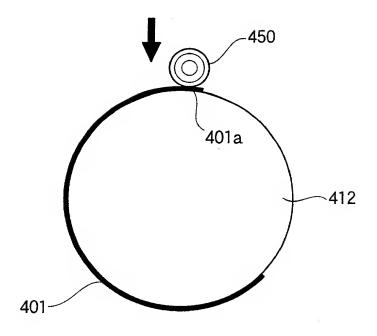
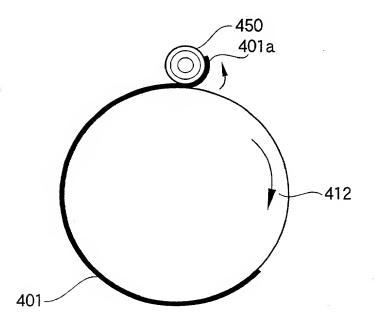
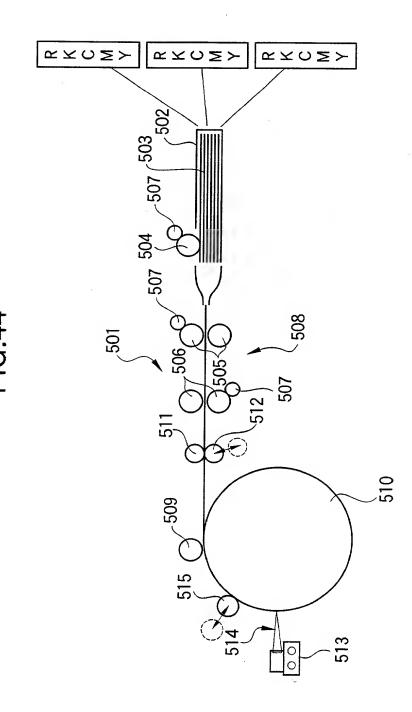
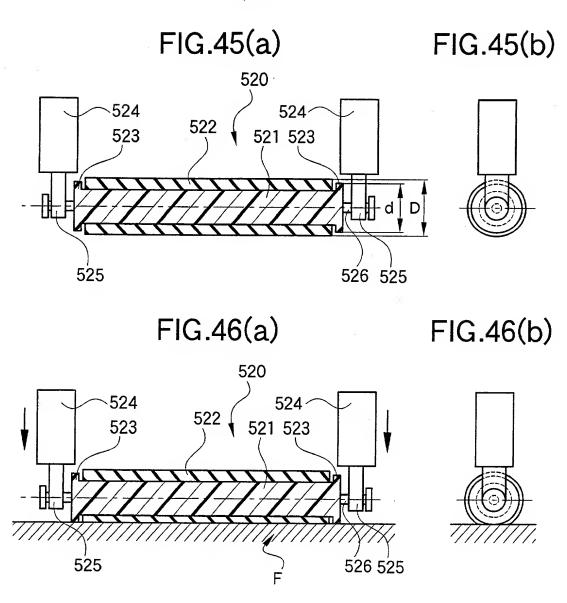


FIG.43(b)

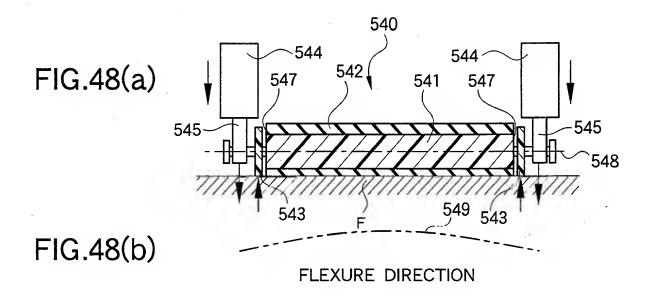


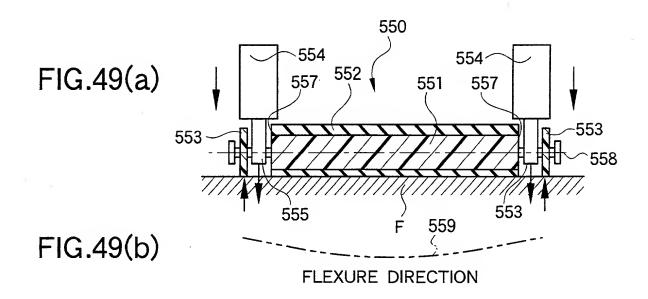
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FIG.50

